

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011612

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 E03C1/232

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 E03C A61H A47K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 217 986 A (JOHN * MURFIN) 8 November 1989 (1989-11-08)	1,2, 6-10,12
A	page 3, line 14 - page 4, line 22; figures 7,8	3-5,13
X	DE 36 36 328 A1 (MOELLER SANITAER.-UND KUNSTSTOFFABRIK GMBH; MOELLER SANITAER.- UND KUN) 11 May 1988 (1988-05-11)	1-6,12
A	the whole document	7-10,13
X	DE 36 10 006 A1 (HIERONYMI, ANDREAS) 1 October 1987 (1987-10-01)	1,2,12, 13
	the whole document	
X	DE 89 10 123 U (RUSINAT) 12 October 1989 (1989-10-12)	1,2,6-8, 12
A	the whole document	9,13
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

1 February 2005

Date of mailing of the international search report

08/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Van Bost, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/011612

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 1 282 897 A (VILLEROY & BOCH KERAMISCHE WERKE G.M.B.H) 27 January 1962 (1962-01-27) the whole document -----	1,2,6,12
A	DE 16 09 107 A1 (KERA-WERKE AG) 30 July 1970 (1970-07-30) page 4; figure 2 -----	13
A		1,13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/011612

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
GB 2217986	A	08-11-1989		NONE		
DE 3636328	A1	11-05-1988		NONE		
DE 3610006	A1	01-10-1987		NONE		
DE 8910123	U	12-10-1989	DE	8910123 U1		12-10-1989
FR 1282897	A	27-01-1962		NONE		
DE 1609107	A1	30-07-1970		NONE		